

# METHOD AND APPARATUS FOR RECORDING AND RETRIEVING MAINTENANCE, OPERATING AND REPAIR DATA FOR TURBINE ENGINE COMPONENTS

## Abstract

Information storage devices are permanently deployed on individual components of turbine engines to permanently record operating, repair, and maintenance data on the parts that comprise the individual components. Ensuring that such data will not be lost when individual components or their parts are replaced in an engine, allows the use of life limited parts in turbine engines and improves their reliability. The information storage devices can be accessed to record maintenance or to record changes when repairs are done. They can also be attached to external circuitry for the purpose of analyzing, downloading or recording data remotely, allowing analysis of component operating, repair, and maintenance information.